

Global Variable Source

Introduction


A [global variable](#) can be configured as an in-memory source in Jitterbit. This lets the global variable be used anywhere that a source can be.

Creating a Global Variable Source

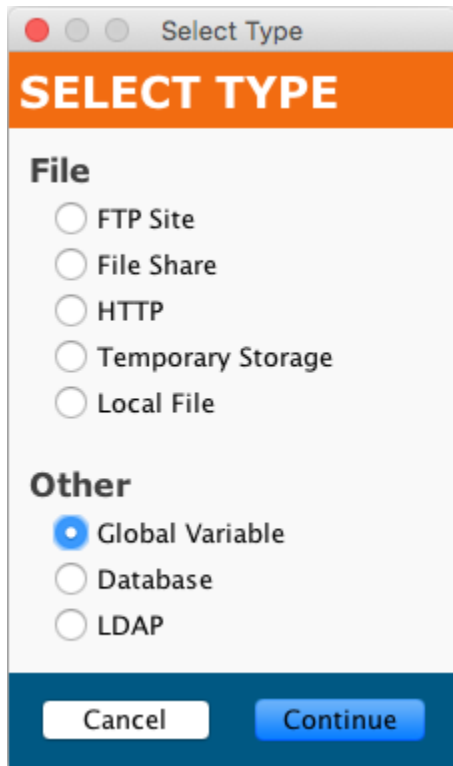
You can choose to create a new Global Variable source on its own, or within an existing operation. For more information on how sources work within operations, see [Creating an Operation](#). For details on global variables, see [Global Variables](#).

Creating a New Global Variable Source as a Standalone Source

Within your project in Jitterbit Design Studio, you create a new Global Variable source by any of:

- Go to **File > New > New Source**; or
- In the tree on the left, right-click on **Sources** and select **New Source**; or
- In the top toolbar, click the green source icon .

In the popup, select **Global Variable** as the type:



Your new source appears in its own **New Source** tab in the right pane of the window.



NOTE: If you create a standalone source using any of these methods, note that it is not connected to an operation. See [Using an Existing Global Variable Source in an Existing Operation](#) below to use the new source.

Creating a New Global Variable Source in an Existing Operation

A source is usually created by default when you create a new operation. (The exception is an operation that consists only of a script.) With an existing operation, you can specify the type of its source by:

- Double-clicking on the source icon; in the popup, select **Create New Source**; or
- Right-clicking on the source icon and selecting **Create New Source**.

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Related Articles

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- [Global Variable versus Temporary Storage](#)

Related Topics

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In the configuration screen that appears, use the **Type** dropdown to select **Global Variable**, as shown above.

Using an Existing Global Variable Source in an Existing Operation

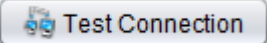
To use an existing Global Variable source in an existing operation with a source, you can set it by any of:

- Within the operation, double-clicking on the source icon, and in the resulting popup, selecting the desired Global Variable source from the list; or
- Within the operation, right-clicking on the source icon, choosing **Select Existing Source**, and in the resulting popup, selecting the desired Global Variable source from the list; or
- Dragging the desired Global Variable source from the tree on the left and dropping it onto the existing source icon of the operation.

Configuring a Global Variable Source

After you have created a Global Variable source, the configuration screen will open in the main view of Design Studio. You can return to the configuration screen at any time by double-clicking on the source icon in the operation, or by double-clicking on the source in the tree on the left.

The configuration screen will appear similar to this example:

- **Name:** Enter an appropriate, unique name for the source.
- **Type:** Use the dropdown to select **Global Variable**, if it is not already specified.
- **Global Variable:**
 - **Variable:** Enter the name of the global variable you want to use; either a name for a new global variable or the name of an existing global variable. If a new name is entered, the global variable will automatically be created.
 - To see a list of existing global variables, either double-click in the field entry area or type a single open square bracket ([). You can then choose one of the existing global variables.
 - Global variable names can be specified in this field with or without square brackets as of [Harmony version 8.22.0](#).
- **Test Connection:** Clicking the  button will test the Global Variable source; it will fail if the variable cannot be created in memory on the Agent. This can happen if the Agent is not reachable or the variable name is missing.
- Click the **Save** button in either the main toolbar or the source's toolbar to save the configuration.



TIP: When creating new global variables, prefix the global variable name so that it is easy to look up later. For example: for a global variable such as `org.api.response`, as it is prefixed with `org`, it is easier to find with other related global variables that also use the `org` prefix.